

Applicant: Michael Dadd
Application No.: 09/530,629

objection. No new matter has been added. It is believed that the specification is now in proper form.

It had been agreed during the August 23, 2001 Telephone Interview that the words "at least one of" were to be inserted in front of "the plurality of magnetic poles" as set forth in the marked up copy of claim 1 attached hereto. Since the Final Action did not include the agreed Examiner's Amendment, this paper is being submitted to conform the claim to that agreement. Please note that the substance of the Interview was documented in the "Telephone Interview and Status Request" submitted by Applicant's undersigned attorney on September 21, 2001, which specifically referenced this claim amendment. Accordingly, it is respectfully submitted that entry of the amendment is proper at this time.

The final rejection of claim 1 over Kling does not address the fact that claim 1 requires that both a stator coil and a magnetic pole are helical. As specified in claim 1, the helical coil is part of the stator and the helical pole is part of the magnetic assembly which moves relative to the stator.

In the Final Action, the Examiner states that Kling shows that the magnetic poles of the stator end up forming a helical path. However, it is not the stator poles which are required to be helical in accordance with claim 1, but it is a magnetic assembly pole which is required to be helical. The magnetic assembly which moves relative to the stator in Fig. 6 of Kling has poles pieces 24, 25. Neither of those pole pieces are helical. In fact, if either

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pole piece 24 or 25 were helical in the Kling configuration, the operation of the Kling device would be impaired. For comparison, see Fig. 9b of the present application which illustrates magnetic poles of the "magnetic assembly" which are helical. Neither Kling or the other references disclose or suggest a transducer where both the stator and the relatively movable magnetic assembly have helical components.

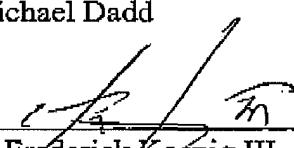
Entry of this amendment and allowance are respectfully requested.

Respectfully submitted,

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Attachments

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